

## Exhibit B

Alignment between AX139747 (Carnosinase/CN1) and SEQ ID NO:139 (HHPEN62)

<sup>1</sup> MDPKLGRMAASLLAVLLLLLLERGMFSSPSPPPALLEKVFQYIDLHQDEF <sup>50</sup>	AX139747 (CN1)
<sup>1</sup> MDPKLGRMAASLLAVLLLLLLERGMFSSPSPPPALLEKVFQYIDLHQDEF <sup>50</sup>	SEQ ID NO:139
<sup>51</sup> VQTLKEWVAIESDSVQPVPFRFRQELFRMMAVAADTLQRLGARVASVDMG <sup>100</sup>	AX139747 (CN1)
<sup>51</sup> VQTLKEWVAIESDSVQPVPFRFRQELFRMMAVAADTLQRLGARVASVDMG <sup>100</sup>	SEQ ID NO:139
<sup>101</sup> PQQLPDGQSLPIPPVILAE LGSDPTKGTVC FYGHLDVQPADRGD GWLTDP <sup>150</sup>	AX139747 (CN1)
<sup>101</sup> PQQLPDGQSLPIPPVILAE LGSDPTKGTVC FYGHLDVQPADRGD GWLTDP <sup>150</sup>	SEQ ID NO:139
<sup>151</sup> YVLTEVDGKLYGRGATDNKGPVLAWINAVSAFRALEQDLPVNIKFIIEGME <sup>200</sup>	AX139747 (CN1)
<sup>151</sup> YVLTEVDGKLYGRGATDNKGPVLAWINAVSAFRALEQDLPVNIKFIIEGME <sup>200</sup>	SEQ ID NO:139
<sup>201</sup> EAGSVALEELVEKEKDRFFSGVDYIVISDNLWISQRKPAITYGTRGNSYF <sup>250</sup>	AX139747 (CN1)
<sup>201</sup> EAGSVALEELVEKEKDRFFSGVDYIVISDNLWISQRKPAITYGTRGNSYF <sup>250</sup>	SEQ ID NO:139
<sup>251</sup> MVEVKCRDQDFHSGTGGILHEPMADLVALLGSLVDSSGHILVPGIYDEV <sup>300</sup>	AX139747 (CN1)
<sup>251</sup> MVEVKCRDQDFHSGTGGILHEPMADLVALLGSLVDSSGHILVPGIYDEV <sup>300</sup>	SEQ ID NO:139
<sup>301</sup> VPLTEEEINTYKAHLDLEEYRNSSRVEKFLFDTKEEILMHLWRYPSLSI <sup>350</sup>	AX139747 (CN1)
<sup>301</sup> VPLTEEEINTYKAHLDLEEYRNSSRVEKFLFDTKEEILMHLWRYPSLSI <sup>350</sup>	SEQ ID NO:139
<sup>351</sup> HGIEGAFDEPGTKTVIPGRVIGKFSIRLVPHMNVSAVEKQVTRHLEDVF <sup>400</sup>	AX139747 (CN1)
<sup>351</sup> HGIEGAFDEPGTKTVIPGRVIGKFSIRLVPHMNVSAVEKQVTRHLEDVF <sup>400</sup>	SEQ ID NO:139
<sup>401</sup> SKRNSSNKMVVSM TLGLHPWIANIDDTQYLA AKRAIRTVFGTEPDMIRDG <sup>450</sup>	AX139747 (CN1)
<sup>401</sup> SKRNSSNKMVVSM TLGLHPWIANIDDTQYLA AKRAIRTVFGTEPDMIRDG <sup>450</sup>	SEQ ID NO:139
<sup>451</sup> STPIAKMFQEIVHKS VVLIPLGAVDDGEHSQNEKINRWNYIEGTKLFAAF <sup>500</sup>	AX139747 (CN1)
<sup>451</sup> STPIAKMFQEIVHKS VVLIPLGAVDDGEHSQNEKINRWNYIEGTKLFAAF <sup>500</sup>	SEQ ID NO:139
<sup>501</sup> FLEMAQLH	AX139747 (CN1)
<sup>501</sup> FLEMAQLH	SEQ ID NO:139